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Morbidity and Mortality Weekly Report

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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER *634-5131*

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 29, 1963

TULAREMIA – The five cases of tularemia reported for the week ending June 29 brings the total for the first 26 weeks of 1963 to 119 cases, as compared to 131 cases for the same period in 1962. All 5 cases this week were from Arkansas. In the table below are shown cumulative totals for the United States through the 26th week of 1962 and 1963, and annual totals for the years 1959 through 1962.

	1963	1962	1961	1960	1959
21st through 26th week	47*	39*	–	–	–
1st through 26th week	119*	131*	–	–	–
Annual Total	–	308*	365	390	459

*Preliminary figure for these years.

The total number of cases of tularemia reported each year has shown a consistent decline since 1948 as seen in the accompanying graph (Figure 2). Geographic distribution of cases continues to show a concentration in the southeastern quadrant of the United States and is shown in the map on page 214 (Figure 1).

The seasonal distribution of tularemia cases, seen in Figure 3, shows two distinct peak periods of activity. The increased incidence during summer months is due primarily to cases acquired from infected ticks and flies, while the late fall and winter peak which occurs each year represents those cases caused by exposure to infected wildlife.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

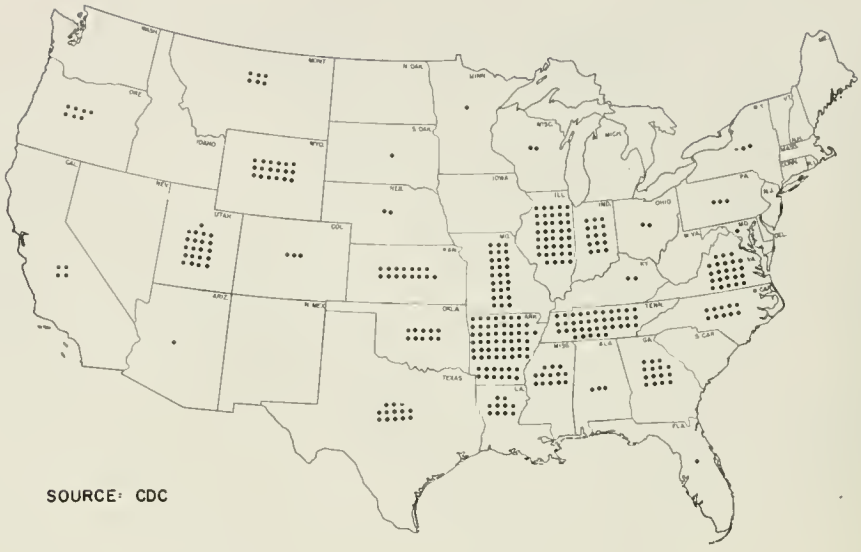
(Cumulative totals include revised and delayed reports through previous week)

Disease	26th Week			Cumulative First 26 weeks		
	Ended June 29, 1963	Ended June 30, 1962	Median 1958 - 1962	1963	1962	Median 1958 - 1962
Aseptic meningitis	35	58	---	627	606	---
Brucellosis	6	9	14	169	204	379
Diphtheria	2	6	6	132	219	327
Encephalitis, infectious	40	29	30	779	782	758
Hepatitis, infectious and serum	647	764	588	23,639	31,654	19,253
Measles	7,199	7,525	8,198	335,217	416,423	365,536
Meningococcal infections	35	34	38	1,445	1,215	1,337
Poliomyelitis, total	5	21	41	81	207	469
Paralytic	2	17	34	68	161	346
Nonparalytic	2	3	7	5	29	85
Unspecified	1	1	-	8	17	38
Streptococcal sore throat and Scarlet fever	4,245	3,750	---	214,879	196,749	---
Tetanus	8	13	---	112	106	---
Tularemia	5	10	---	119	131	---
Typhoid fever	11	19	19	182	246	312
Typhus fever, tick-borne, (Rocky Mountain spotted)	6	18	---	51	75	---
Rabies in Animals	74	73	73	2,041	2,157	2,036

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Psittacosis: Calif. - 1	30
Botulism:	5	Rabies in Man:	-
Malaria: La. - 2, Va. - 1, Calif. - 1	47	Smallpox:	-
Plague:	-	Typhus, murine: Texas - 1	7

FIGURE 1
GEOGRAPHIC DISTRIBUTION OF TULAREMIA CASES
1961

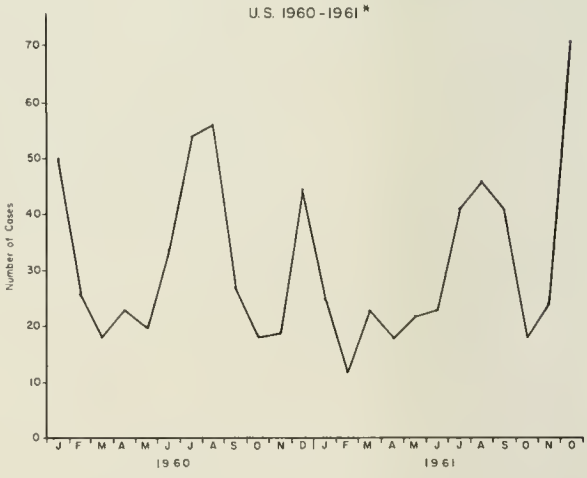


SOURCE: CDC

FIGURE 2
TULAREMIA CASES - U. S. 1948-1962

*Preliminary Data for 1962
Source: Annual Summary CDC and NOVS

FIGURE 3
SEASONAL DISTRIBUTION OF TULAREMIA CASES
U.S. 1960-1961*



Source: Annual Summary CDC

EPIDEMIOLOGICAL REPORTS

Tularemia – Pennsylvania

On October 19, 1962 a 37-year-old industrial plant manager developed fever, a small ulcer on his right thumb and a painful swelling of his right axillary lymph glands. On October 21, the patient complained of generalized malaise, weakness, loss of appetite, and an extremely painful arm. Two days later he was hospitalized with 102.5° fever, swollen axillary lymph gland, and severe, shaking chills. The patient was treated with tetracycline and responded quickly. After 3-4 days of antibiotic therapy, the lymph glands were opened and drained, however, the ulcer on the right thumb persisted for approximately one month before healing. Cultures for *P. tularensis* were negative. Agglutination tests for *Pasteurella tularensis*

antibodies, however, revealed the following titers:

10/24	1:80
10/31	1:160
11/7	1:360

The patient was an ardent hunter but had not had contact with animals for many months prior to his illness. His neighbor possesses a dog and also a domesticated rabbit, but the patient has had no direct contact with either animal. He has had no experience with ticks or tick bites this year.

The patient recalled that on October 10th or 11th, while walking through his plant, his right thumb was pierced by a small steel thread from a spooled cable. The slight cut was washed and no further treatment given. About 4 days later he visited a neighboring house for a short period. On returning home he discovered a flea on his leg and two others on his clothes. He destroyed the fleas by grinding and crushing them between his right thumb and forefinger. Since the patient had no direct contact with animals or arthropods except the fleas, the latter must be considered as the possible vector.

(Reported by Dr. William D. Schrack, Jr., Director, Division of Communicable Disease Control, Pennsylvania Department of Health.)

Salmonella heidelberg – Washington

On January 1, nine of 13 persons from four families became ill following a New Year's Eve party at the home of one of the families. All in the host family developed the disease. The illnesses were characterized by fever, cramps, diarrhea, vomiting and headache. From eight of the nine who were ill and from one of those not experiencing illness, *Salmonella heidelberg* was recovered.

The dinner consisting of eggnog, rye crackers, cheese and pizza pie was served at 6:00 p.m.; a separate preparation of eggnog was served at 11:00 p.m. The eggnog was prepared in the home from fresh eggs, milk, sugar, vanilla and nutmeg. All who became ill had consumed eggnog at 11:00 p.m.; two of these persons had not consumed food or eggnog at 6:00 p.m. Assuming the eggnog served at 11:00 p.m. to have been the vehicle, incubation periods ranged from 16 to 40 hours.

The source of the eggs were traced and cultures were obtained of eggs taken from the nest, cloacal droppings, and feed. All, however, failed to yield Salmonella isolates.

(Reported by Dr. Ernest Ager, Head, Communicable Disease Control, State of Washington Department of Health and W. J. Poss, Kittitas County Health Department.)

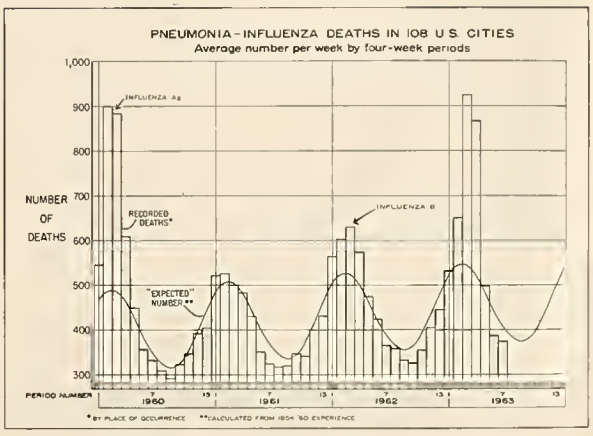
(Continued on page 220)

SUMMARY OF PNEUMONIA AND INFLUENZA DEATHS

The weekly average number of pneumonia-influenza deaths for the four-week period ending June 29 was 374 as compared with an expected weekly average of 408.

PNEUMONIA-INFLUENZA DEATHS IN 108 CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	6/8	6/15	6/22	6/29		
Observed	391	387	361	358	1,497	374
Expected	419	412	405	398	1,634	408
Excess	-28	-25	-44	-40	-137	-34



(See table, page 219)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 29, 1963 AND JUNE 30, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	26th week		Cumulative First 26 weeks		26th week		Cumulative First 26 weeks		26th week		26th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES	5	21	81	207	2	17	68	161	2	3	35	58
NEW ENGLAND	-	-	-	3	-	-	-	3	-	-	-	2
Maine	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	2	-	-	-	2	-	-	-	2
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC	1	1	15	34	-	1	12	21	1	-	2	3
New York	-	1	5	33	-	1	5	20	-	-	-	1
New Jersey	-	-	1	1	-	-	1	1	-	-	-	-
Pennsylvania	1	-	9	-	-	-	6	-	1	-	2	2
EAST NORTH CENTRAL	1	1	17	11	-	1	12	7	1	-	11	3
Ohio	1	1	5	5	-	1	3	5	1	-	2	1
Indiana	-	-	2	3	-	-	-	2	-	-	2	-
Illinois	-	-	7	2	-	-	6	-	-	-	-	1
Michigan	-	-	2	-	-	-	2	-	-	-	3	1
Wisconsin	-	-	1	1	-	-	1	-	-	-	4	-
WEST NORTH CENTRAL	-	-	3	8	-	-	3	5	-	-	4	1
Minnesota	-	-	2	2	-	-	2	2	-	-	3	-
Iowa	-	-	-	3	-	-	-	2	-	-	-	1
Missouri	-	-	1	3	-	-	1	1	-	-	1	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	3	1	12	12	2	1	9	10	-	-	3	6
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	1	-	-	-	-	-	-	-	-
Virginia	-	-	2	2	-	-	1	2	-	-	3	-
West Virginia	-	1	1	1	-	1	1	1	-	-	-	-
North Carolina	1	-	3	2	1	-	3	2	-	-	-	-
South Carolina	2	-	2	-	1	-	1	-	-	-	-	-
Georgia	-	-	1	2	-	-	-	2	-	-	-	-
Florida	-	-	3	4	-	-	3	3	-	-	-	6
EAST SOUTH CENTRAL	-	2	6	8	-	1	5	5	-	-	1	4
Kentucky	-	1	-	3	-	-	-	2	-	-	1	4
Tennessee	-	1	2	3	-	1	2	1	-	-	-	-
Alabama	-	-	3	2	-	-	2	2	-	-	-	-
Mississippi	-	-	1	-	-	-	1	-	-	-	-	-
WEST SOUTH CENTRAL	-	11	16	101	-	8	16	84	-	3	4	15
Arkansas	-	-	1	1	-	-	1	1	-	-	-	-
Louisiana	-	-	13	7	-	-	13	6	-	-	-	-
Oklahoma	-	-	-	1	-	-	-	-	-	-	1	1
Texas	-	11	2	92	-	8	2	77	-	3	3	14
MOUNTAIN	-	-	-	8	-	-	-	7	-	-	2	-
Montana	-	-	-	3	-	-	-	2	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	1	-	-	-	1	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	1	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	3	-	-	-	3	-	-	1	-
Utah	-	-	-	1	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	5	12	22	-	5	11	19	-	-	8	24
Washington	-	-	-	-	-	-	-	-	-	-	1	-
Oregon	-	1	1	2	-	1	1	2	-	-	-	-
California	-	4	11	20	-	4	10	17	-	-	7	24
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	4	7	-	-	4	7	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED JUNE 29, 1963 AND JUNE 30, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
							26th week					
	26th week	Cumulative 26 weeks	26th week	Cumulative 26 weeks	26th week		Under 20 yr.	20 & over	Total		26th week	
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	6	169	2	132	40	29	295	304	647	764	7,199	7,525
NEW ENGLAND	-	-	-	4	4	1	32	23	56	33	259	1,004
Maine	-	-	-	-	-	-	16	10	26	10	4	131
New Hampshire	-	-	-	-	-	-	9	5	14	1	1	6
Vermont	-	-	-	-	-	-	2	-	2	1	32	115
Massachusetts	-	-	-	2	1	-	3	6	10	14	138	452
Rhode Island	-	-	-	2	2	1	-	-	-	2	32	71
Connecticut	-	-	-	-	1	-	2	2	4	5	52	229
MIDDLE ATLANTIC	-	4	1	21	9	8	49	59	108	163	1,252	1,593
New York	-	3	-	13	7	5	31	40	71	77	682	904
New Jersey	-	-	1	3	-	-	6	11	17	32	301	557
Pennsylvania	-	1	-	5	2	3	12	8	20	54	269	132
EAST NORTH CENTRAL	1	14	-	16	1	1	59	62	132	128	2,506	1,514
Ohio	-	-	-	1	-	-	11	12	24	37	243	359
Indiana	-	2	-	3	-	-	8	7	15	8	63	73
Illinois	1	10	-	7	-	-	6	13	19	24	145	221
Michigan	-	2	-	3	1	1	33	29	72	49	1,235	565
Wisconsin	-	-	-	2	-	-	1	1	2	10	820	296
WEST NORTH CENTRAL	3	114	-	36	4	1	7	7	15	27	294	225
Minnesota	-	7	-	15	-	-	-	-	-	12	4	38
Iowa	3	84	-	1	-	-	-	3	3	2	134	55
Missouri	-	5	-	1	-	-	5	2	7	8	104	32
North Dakota	-	-	-	1	1	-	-	-	-	-	50	91
South Dakota	-	7	-	10	3	-	1	1	2	1	2	8
Nebraska	-	5	-	8	-	1	1	-	2	2	-	1
Kansas	-	6	-	-	-	-	-	1	1	2	NN	NN
SOUTH ATLANTIC	1	5	1	27	8	9	31	21	55	81	660	457
Delaware	-	-	-	-	-	-	-	-	-	-	3	5
Maryland	-	-	-	-	6	3	2	4	6	7	80	39
District of Columbia	-	-	-	-	-	-	1	-	1	1	1	4
Virginia	1	3	-	-	2	1	2	4	9	14	220	114
West Virginia	-	-	-	1	-	-	7	4	11	11	243	177
North Carolina	-	1	-	1	-	1	6	3	9	24	18	19
South Carolina	-	-	-	9	-	-	6	2	8	4	40	8
Georgia	-	-	1	8	-	-	5	-	5	6	-	9
Florida	-	1	-	8	-	4	2	4	6	14	55	82
EAST SOUTH CENTRAL	-	7	-	9	1	-	22	13	37	84	372	372
Kentucky	-	2	-	-	-	-	5	4	11	37	218	59
Tennessee	-	4	-	2	-	-	10	3	13	31	121	232
Alabama	-	1	-	7	-	-	3	-	3	9	9	17
Mississippi	-	-	-	-	1	-	4	6	10	7	24	64
WEST SOUTH CENTRAL	1	13	-	16	-	1	32	24	56	60	206	565
Arkansas	-	3	-	1	-	-	2	-	2	7	-	31
Louisiana	-	-	-	2	-	-	5	11	16	15	1	-
Oklahoma	1	4	-	6	-	-	3	1	4	-	3	6
Texas	-	6	-	7	-	1	22	12	34	38	202	528
MOUNTAIN	-	5	-	1	3	1	8	10	47	56	651	663
Montana	-	-	-	-	-	-	3	2	7	2	38	108
Idaho	-	-	-	-	-	-	-	-	6	4	118	28
Wyoming	-	1	-	-	1	-	-	-	-	2	10	2
Colorado	-	-	-	-	-	-	-	1	11	9	162	201
New Mexico	-	-	-	1	-	-	1	4	5	6	NN	NN
Arizona	-	3	-	-	2	-	-	-	11	25	287	150
Utah	-	1	-	-	-	1	4	3	7	8	34	167
Nevada	-	-	-	-	-	-	-	-	-	-	2	7
PACIFIC	-	7	-	2	10	7	55	85	141	132	999	1,132
Washington	-	-	-	-	1	1	17	11	28	42	40	252
Oregon	-	2	-	-	-	-	7	12	20	13	106	306
California	-	4	-	2	9	6	30	61	91	71	488	446
Alaska	-	-	-	-	-	-	1	1	2	5	20	21
Hawaii	-	1	-	-	-	-	-	-	-	1	345	107
Puerto Rico	-	-	-	10	-	-	6	2	8	15	7	81

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES FOR WEEKS ENDED JUNE 29, 1963 AND JUNE 30, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	26th wk.	Cumulative 26 weeks	26th week		26th wk.	26th wk.	26th wk.	26th wk.	Cumulative 26 weeks	26th week		Cumulative 26 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES....	35	1,445	4,245	3,750	8	6	5	11	182	74	73	2,041
NEW ENGLAND.....	4	91	541	373	-	-	-	-	6	-	-	20
Maine.....	-	15	89	109	-	-	-	-	-	-	-	1
New Hampshire.....	-	4	2	4	-	-	-	-	-	-	-	12
Vermont.....	-	3	-	5	-	-	-	-	1	-	-	7
Massachusetts.....	4	42	74	59	-	-	-	-	4	-	-	-
Rhode Island.....	-	9	29	43	-	-	-	-	-	-	-	-
Connecticut.....	-	18	347	153	-	-	-	-	1	-	-	-
MIDDLE ATLANTIC.....	5	197	204	164	-	1	-	3	26	2	7	57
New York.....	4	90	166	115	-	-	-	1	17	2	6	43
New Jersey.....	-	27	21	24	-	-	-	-	2	-	-	-
Pennsylvania.....	1	80	17	25	-	1	-	2	7	-	1	14
EAST NORTH CENTRAL..	5	233	294	296	3	-	-	-	11	12	24	341
Ohio.....	3	67	49	26	2	-	-	-	3	5	7	211
Indiana.....	-	29	65	44	-	-	-	-	1	-	4	31
Illinois.....	-	39	42	95	1	-	-	-	5	3	10	49
Michigan.....	2	71	102	62	-	-	-	-	1	1	2	31
Wisconsin.....	-	27	36	69	-	-	-	-	1	3	1	19
WEST NORTH CENTRAL..	4	87	97	82	2	-	-	-	10	18	14	485
Minnesota.....	1	17	4	6	1	-	-	-	3	3	4	128
Iowa.....	-	4	22	27	-	-	-	-	1	3	5	178
Missouri.....	-	30	2	-	-	-	-	-	6	7	2	89
North Dakota.....	-	4	36	35	-	-	-	-	-	-	2	14
South Dakota.....	1	5	9	1	1	-	-	-	-	3	1	57
Nebraska.....	-	19	-	-	-	-	-	-	-	1	-	10
Kansas.....	2	8	24	13	-	-	-	-	-	1	-	9
SOUTH ATLANTIC.....	8	274	317	394	1	4	-	1	35	6	7	308
Delaware.....	-	2	-	2	-	-	-	-	1	-	-	-
Maryland.....	-	41	10	7	-	1	-	-	3	-	-	-
Dist. of Columbia..	-	4	-	3	-	-	-	-	-	-	-	-
Virginia.....	3	67	133	57	-	2	-	1	5	3	2	114
West Virginia.....	-	13	60	82	-	-	-	-	6	3	4	91
North Carolina.....	4	47	6	12	-	1	-	-	5	-	-	5
South Carolina.....	-	13	15	1	-	-	-	-	2	-	-	6
Georgia.....	-	22	-	43	-	-	-	-	2	-	-	37
Florida.....	1	65	93	187	1	-	-	-	11	-	1	55
EAST SOUTH CENTRAL..	2	111	856	552	-	1	-	3	18	6	1	167
Kentucky.....	1	25	66	15	-	-	-	-	1	3	-	79
Tennessee.....	1	48	715	509	-	1	-	2	12	2	-	73
Alabama.....	-	21	10	4	-	-	-	-	4	1	1	15
Mississippi.....	-	17	65	24	-	-	-	1	1	-	-	-
WEST SOUTH CENTRAL..	2	143	450	510	2	-	5	4	35	24	9	418
Arkansas.....	-	9	-	-	-	-	5	2	17	6	3	32
Louisiana.....	-	58	2	-	1	-	-	2	7	1	-	37
Oklahoma.....	1	29	10	2	-	-	-	-	2	-	2	33
Texas.....	1	47	438	508	1	-	-	-	9	17	4	316
MOUNTAIN.....	2	51	921	499	-	-	-	-	5	-	-	45
Montana.....	-	3	29	10	-	-	-	-	-	-	-	-
Idaho.....	1	4	114	42	-	-	-	-	-	-	-	-
Wyoming.....	-	4	4	-	-	-	-	-	-	-	-	-
Colorado.....	-	12	392	261	-	-	-	-	2	-	-	2
New Mexico.....	-	3	219	-	-	-	-	-	1	-	-	21
Arizona.....	1	8	94	91	-	-	-	-	2	-	-	22
Utah.....	-	14	69	93	-	-	-	-	-	-	-	-
Nevada.....	-	3	-	2	-	-	-	-	-	-	-	-
PACIFIC.....	3	258	565	880	-	-	-	-	36	6	11	200
Washington.....	1	19	119	156	-	-	-	-	-	-	-	-
Oregon.....	2	17	9	13	-	-	-	-	2	-	1	1
California.....	-	208	390	681	-	-	-	-	31	6	10	190
Alaska.....	-	7	21	6	-	-	-	-	1	-	-	9
Hawaii.....	-	7	26	24	-	-	-	-	2	-	-	-
Puerto Rico.....	-	4	11	4	1	-	-	-	10	-	-	6

Table 4 (B). REPORTED PNEUMONIA-INFLUENZA DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	6/8	6/15	6/22	6/29
NEW ENGLAND:				
Boston, Mass.	5	3	3	8
Bridgeport, Conn.	7	2	3	6
Cambridge, Mass.	0	0	0	8
Fall River, Mass.	0	1	0	1
Hartford, Conn.	1	1	0	0
Lowell, Mass.	1	8	2	3
Lynn, Mass.	0	1	1	1
New Bedford, Mass.	1	3	1	3
New Haven, Conn.	1	0	0	0
Providence, R.I.	3	1	3	1
Somerville, Mass.	3	0	0	1
Springfield, Mass.	2	3	5	6
Waterbury, Conn.	0	0	1	0
Worcester, Mass.	4	4	4	3
MIDDLE ATLANTIC:				
Albany, N.Y.	0	2	2	2
Allentown, Pa.	2	1	0	2
Buffalo, N.Y.	3	5	7	5
Camden, N.J.	2	0	1	5
Elizabeth, N.J.	0	1	0	1
Erie, Pa.	2	4	3	0
Jersey City, N.J.	2	3	4	4
Newark, N.J.	1	1	3	3
New York City, N.Y.	61	47	42	56
Paterson, N.J.	5	3	4	1
Philadelphia, Pa.	8	21	14	13*
Pittsburgh, Pa.	6	4	5	6
Reading, Pa.	3	2	4	3
Rochester, N.Y.	6	7	11	7
Schenectady, N.Y.	1	0	0	1
Scranton, Pa.	0	0	0	0
Syracuse, N.Y.	3	0	2	2
Trenton, N.J.	2	6	3	2
Utica, N.Y.	1	1	1	2
Yonkers, N.Y.	3	1	1	0
EAST NORTH CENTRAL:				
Akron, Ohio	0	0	1	0
Canton, Ohio	2	6	2	0
Chicago, Ill.	29	25	22	28
Cincinnati, Ohio	3	3	3	3
Cleveland, Ohio	4	5	2	4
Columbus, Ohio	5	2	5	3
Dayton, Ohio	0	0	1	0
Detroit, Mich.	11	12	9	8
Evansville, Ind.	2	1	1	2
Flint, Mich.	2	4	3	4
Fort Wayne, Ind.	5	4	1	1
Gary, Ind.	3	1	2	3
Grand Rapids, Mich.	0	3	1	5
Indianapolis, Ind.	6	1	3	1
Madison, Wis.	0	3	0	0
Milwaukee, Wis.	6	4	1	4
Peoria, Ill.	0	0	1	1
Rockford, Ill.	2	4	2	2
South Bend, Ind.	6	3	1	2
Toledo, Ohio	2	2	1	0
Youngstown, Ohio	1	2	0	1
WEST NORTH CENTRAL:				
Des Moines, Iowa	1	2	3	2
Duluth, Minn.	0	0	1	2
Kansas City, Kans.	3	1	3	6
Kansas City, Mo.	5	7	4	2
Lincoln, Nebr.	4	3	3	1
Minneapolis, Minn.	1	2	2	3
Omaha, Nebr.	1	3	4	1
St. Louis, Mo.	13	7	6	3
St. Paul, Minn.	4	1	0	0
Wichita, Kans.	6	7	4	3
SOUTH ATLANTIC:				
Atlanta, Ga.	1	9	4	1
Baltimore, Md.	5	5	6	2
Charlotte, N.C.	0	0	1	0
Jacksonville, Fla.	1	3	2	1
Miami, Fla.	0	0	0	2
Norfolk, Va.	4	3	3	2
Richmond, Va.	5	1	2	0
Savannah, Ga.	3	1	3	8
St. Petersburg, Fla.	4	3	4	12
Tampa, Fla.	3	5	5	3
Washington, D.C.	12	9	8	7
Wilmington, Del.	4	5	4	0
EAST SOUTH CENTRAL:				
Birmingham, Ala.	2	2	0	0
Chattanooga, Tenn.	0	2	1	3
Knoxville, Tenn.	1	0	0	1
Louisville, Ky.	5	10	7	10
Memphis, Tenn.	6	4	3	5
Mobile, Ala.	2	1	1	2
Montgomery, Ala.	2	0	4	2
Nashville, Tenn.	2	9	4	0
WEST SOUTH CENTRAL:				
Austin, Tex.	4	5	7	3
Baton Rouge, La.	1	3	2	1
Corpus Christi, Tex.	1	0	1	0
Dallas, Tex.	1	5	3	3
El Paso, Tex.	0	4	1	3
Fort Worth, Tex.	0	1	1	0
Houston, Tex.	4	0	5	8
Little Rock, Ark.	2	2	4	4
New Orleans, La.	5	3	7	7
Oklahoma City, Okla.	3	3	1	0
San Antonio, Tex.	2	4	6	4
Shreveport, La.	7	6	4	7
Tulsa, Okla.	2	2	1	2
MOUNTAIN:				
Albuquerque, N. Mex.	3	0	2	2
Colorado Springs, Colo.	4	2	1	2
Denver, Colo.	4	4	4	3
Ogden, Utah	2	0	1	2
Phoenix, Ariz.	2	3	3	1
Pueblo, Colo.	0	0	0	0
Salt Lake City, Utah.	1	3	0	0
Tucson, Ariz.	1	1	0	1
PACIFIC:				
Berkeley, Calif.	0	0	1	1
Fresno, Calif.	0	2	3	2
Glendale, Calif.	0	2	0	1
Honolulu, Hawaii	2	0	1	1
Long Beach, Calif.	3	1	1	0
Los Angeles, Calif.	13	11	23	8
Oakland, Calif.	2	3	4	1
Pasadena, Calif.	0	0	0	2
Portland, Oreg.	2	1	4	2
Sacramento, Calif.	1	3	2	1
San Diego, Calif.	2	3	1	2
San Francisco, Calif.	5	3	3	2
San Jose, Calif.	0	5	2	1
Seattle, Wash.	6	6	4	5
Spokane, Wash.	1	0	0	1
Tacoma, Wash.	1	0	0	0
San Juan, P.R.	3	1	0	4

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	11,443
4(B) Pneumonia-Influenza Deaths, all ages	358
4(C) Total Deaths under 1 Year of Age	743
4(D) Total Deaths, Persons 65 years and over	6,346

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Salmonella derby Epidemic – Follow-up Report

Seven hundred thirty-six isolations of *Salmonella derby* have been reported from 25 States and the District of Columbia since March 1, 1963. Previous reports appeared in MMWR, Vol. 12, pp. 199, 182, 173, 167, and 159.

Five hundred sixty-six of the isolates have been from hospitalized patients who were admitted for reasons other than salmonellosis and acquired their infection in hospitals. Sixty-six isolations have been reported from patients whose initial contact with the organism was outside of the hospital, 28 patients have had unknown contact and 76 patients are under investigation.

Ten States have reported hospital-associated infections. Of these, 7 are in the northeastern United States.

Thirty-seven hospitals have been involved, with ten of these being in Pennsylvania, and nine in New York. Sixteen patients have died, primarily from other diseases, but have had associated *S. derby* gastroenteritis.

(Reported by the epidemiologists of the various State Departments of Health and teams from the Communicable Disease Center).

INTERNATIONAL NOTES – QUARANTINE MEASURES

Cholera

Hong Kong was declared infected with cholera on June 29, 1963, following the report of one case. Macao was declared infected with cholera on July 1, 1963, with four cases reported to date. Cholera was last reported from Hong Kong in October 1962, and Macao in September 1961.

Smallpox, Sweden

No new cases have been reported during the past week. The total number of confirmed cases remains at 23, including four deaths. The fourth death reported involved an unvaccinated 47-year-old male who died on June 15, 25 days after onset of illness. He was the father of case 7, also a fatality (See MMWR, Vol. 12, No. 21, pp. 174 and 183).

U. S DEPARTMENT OF
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